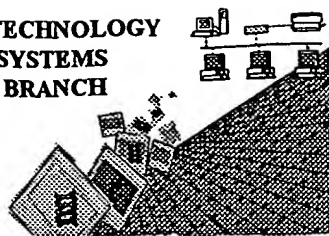


1627

BIOTECHNOLOGY  
SYSTEMS  
BRANCH
 RECEIVED  
 FEB 26 2002  
 TECH CENTER 1600/2900

## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/483,837A  
 Source: 1600  
 Date Processed by STIC: 2/12/2002

#16

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 3.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:  
 U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
 Or  
 U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002

# Raw Sequence Listing Error Summary

RECEIVED  
FEB 26 2002  
TECH CENTER 1600/2900

## ERROR DETECTED

## SUGGESTED CORRECTION

SERIAL NUMBER: 09/483,837A

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics  
Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3 Misaligned Amino  
Numbering The numbering under each 5<sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5 Variable Length Sequence(s) \_\_\_\_\_ contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0  
"bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) \_\_\_\_\_. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7 Skipped Sequences  
(OLD RULES) Sequence(s) \_\_\_\_\_ missing. If intentional, please insert the following lines for each skipped sequence:  
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  
(ii) SEQUENCE DESCRIPTION: SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
This sequence is intentionally skipped  
  
Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 Skipped Sequences  
(NEW RULES) Sequence(s) \_\_\_\_\_ missing. If intentional, please insert the following lines for each skipped sequence.  
<210> sequence id number  
<400> sequence id number  
000
- 9 Use of n's or Xaa's  
(NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.  
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.  
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 Invalid <213>  
Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11 Use of <220> Sequence(s) \_\_\_\_\_ missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.  
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0  
"bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13 Misuse of n n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.



1600

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/483,837A

DATE: 02/12/2002  
TIME: 13:19:43

*pp 1-3*

Input Set : A:\EP.txt  
Output Set : N:\CRF3\02122002\I483837A.raw

**Does Not Comply  
Corrected Diskette Needed**

and

3 <110> APPLICANT: Palatin Technologies, Inc.  
4 Sharma, Shubh  
6 <120> TITLE OF INVENTION: Metallopeptide and Metalloconstruct Combinatorial Libraries  
7 Applications  
9 <130> FILE REFERENCE: 70025-9902-11  
11 <140> CURRENT APPLICATION NUMBER: US 09/483,837A  
12 <141> CURRENT FILING DATE: 2000-01-17  
14 <150> PRIOR APPLICATION NUMBER: US 08/660,697  
15 <151> PRIOR FILING DATE: 1996-06-06  
17 <150> PRIOR APPLICATION NUMBER: US 08/476,652  
18 <151> PRIOR FILING DATE: 1995-06-07  
20 <150> PRIOR APPLICATION NUMBER: US 09/464,358  
21 <151> PRIOR FILING DATE: 1999-12-15  
23 <160> NUMBER OF SEQ ID NOS: 10  
25 <170> SOFTWARE: PatentIn version 3.0  
27 <210> SEQ ID NO: 1  
28 <211> LENGTH: 4  
29 <212> TYPE: PRT  
OK> 30 <213> ORGANISM: Artificial  
32 <220> FEATURE:  
33 <223> OTHER INFORMATION: peptide insufficient explanation - see item 11 on  
35 <220> FEATURE: Error Summary  
36 <221> NAME/KEY: MOD\_RES Sheet  
37 <222> LOCATION: (4)..(4)  
38 <223> OTHER INFORMATION: Xaa is bAla  
OK> 41 <400> SEQUENCE: 1  
43 Arg Gly Cys Xaa  
44 1  
46 <210> SEQ ID NO: 2  
47 <211> LENGTH: 4  
48 <212> TYPE: PRT  
C--> 49 <213> ORGANISM: Artificial  
51 <220> FEATURE:  
52 <223> OTHER INFORMATION: peptide same error  
54 <220> FEATURE:  
55 <221> NAME/KEY: misc feature -> <222> (4)..(4) - insert  
56 <223> OTHER INFORMATION: Xaa is bAla  
OK> 59 <400> SEQUENCE: 2  
61 Gly Arg Cys Xaa  
62 1  
64 <210> SEQ ID NO: 3  
65 <211> LENGTH: 4  
66 <212> TYPE: PRT

## RAW SEQUENCE LISTING

DATE: 02/12/2002

PATENT APPLICATION: US/09/483,837A

TIME: 13:19:43

Input Set : A:\EP.txt

Output Set: N:\CRF3\02122002\I483837A.raw

C--> 67 <213> ORGANISM: Artificial  
69 <220> FEATURE:  
70 <223> OTHER INFORMATION: peptide  
72 <400> SEQUENCE: 3  
74 Gly Gly Gly Cys  
75 1  
77 <210> SEQ ID NO: 4  
78 <211> LENGTH: 4  
79 <212> TYPE: PRT

C--> 80 <213> ORGANISM: Artificial  
82 <220> FEATURE:  
83 <223> OTHER INFORMATION: peptide  
85 <400> SEQUENCE: 4  
87 Gly Gly Gly Cys  
88 1  
90 <210> SEQ ID NO: 5  
91 <211> LENGTH: 6  
92 <212> TYPE: PRT

C--> 93 <213> ORGANISM: Artificial  
95 <220> FEATURE:  
96 <223> OTHER INFORMATION: peptide  
98 <400> SEQUENCE: 5  
100 Tyr Ile Gly Ser Cys Arg  
101 1 5  
103 <210> SEQ ID NO: 6  
104 <211> LENGTH: 6  
105 <212> TYPE: PRT

C--> 106 <213> ORGANISM: Artificial  
108 <220> FEATURE:  
109 <223> OTHER INFORMATION: synthetic peptide metallothionein sequence  
111 <400> SEQUENCE: 6  
113 Lys Cys Thr Cys Cys Ala  
114 1 5  
116 <210> SEQ ID NO: 7  
117 <211> LENGTH: 5  
118 <212> TYPE: PRT

C--> 119 <213> ORGANISM: Artificial  
121 <220> FEATURE:  
122 <223> OTHER INFORMATION: laminin sequence  
124 <400> SEQUENCE: 7  
126 Tyr Ile Gly Ser Arg  
127 1 5  
129 <210> SEQ ID NO: 8  
130 <211> LENGTH: 6  
131 <212> TYPE: PRT

C--> 132 <213> ORGANISM: Artificial  
134 <220> FEATURE:  
135 <223> OTHER INFORMATION: laminin sequence  
137 <400> SEQUENCE: 8

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/483,837A

DATE: 02/12/2002  
TIME: 13:19:43

Input Set : A:\EP.txt  
Output Set: N:\CRF3\02122002\I483837A.raw

139 Gly Tyr Ile Gly Ser Arg  
140 1 5  
142 <210> SEQ ID NO: 9  
143 <211> LENGTH: 4  
144 <212> TYPE: PRT  
C--> 145 <213> ORGANISM: Artificial  
147 <220> FEATURE:  
148 <223> OTHER INFORMATION: peptide  
150 <400> SEQUENCE: 9  
152 Phe Gly Cys Arg  
153 1  
155 <210> SEQ ID NO: 10  
156 <211> LENGTH: 4  
157 <212> TYPE: PRT  
C--> 158 <213> ORGANISM: Artificial  
160 <220> FEATURE:  
161 <223> OTHER INFORMATION: peptide  
163 <400> SEQUENCE: 10  
165 Gly Gly Gly Gly  
166 1

## VERIFICATION SUMMARY

PATENT APPLICATION: US/09/483,837A

DATE: 02/12/2002

TIME: 13:19:44

Input Set : A:\EP.txt

Output Set: N:\CRF3\02122002\I483837A.raw

L:30 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:1  
L:43 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
L:49 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:2  
L:61 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:2  
L:61 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:67 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3  
L:80 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:4  
L:93 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:5  
L:106 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:6  
L:119 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:7  
L:132 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:8  
L:145 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:9  
L:158 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:10